

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
 Data File : BG022401.D
 Acq On : 17 Jun 2016 23:54
 Operator : UM/SJ
 Sample : H3591-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-3

Quant Time: Jun 18 01:27:09 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

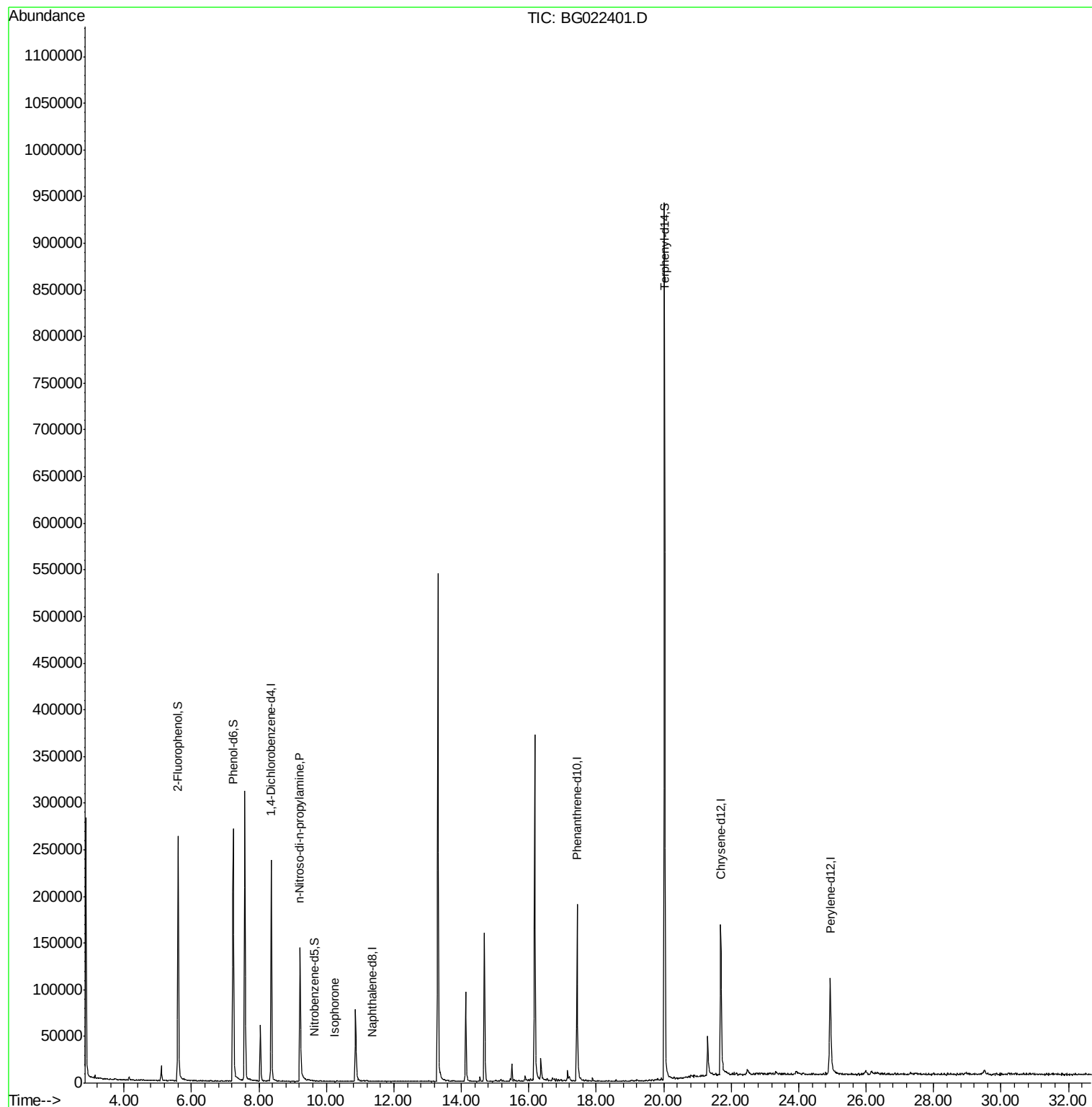
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	59167	20.00	ng	0.27
21) Naphthalene-d8	11.35	136	346	20.00	ng	0.45
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.72
63) Phenanthrene-d10	17.43	188	147200	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	128546	20.00	ng	-0.05
86) Perylene-d12	24.93	264	123560	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	172044	56.22	ng	-0.03
7) Phenol-d6	7.24	99	246964	51.33	ng	-0.01
23) Nitrobenzene-d5	9.63	82	337	67.90	ng	0.37
41) 2,4,6-Tribromophenol	16.18	330	83428	0.00	ng	-0.04
44) 2-Fluorobiphenyl	13.31	172	349920	0.00	ng	-0.04
78) Terphenyl-d14	20.02	244	468366	86.50	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	14661	4.50	ng	# 61
25) Isophorone	10.23	82	198	17.05	ng	# 67

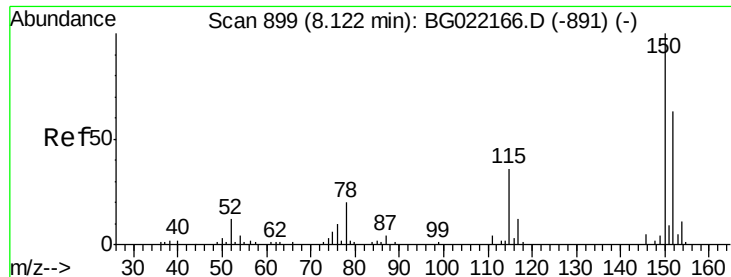
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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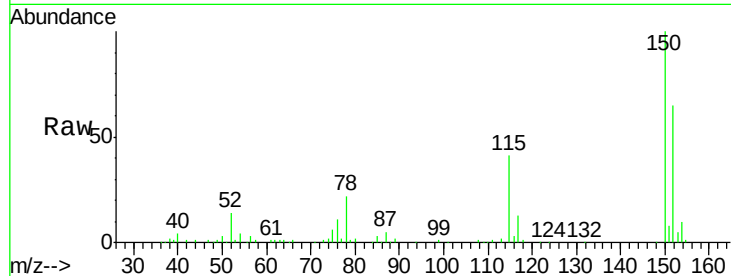


#1

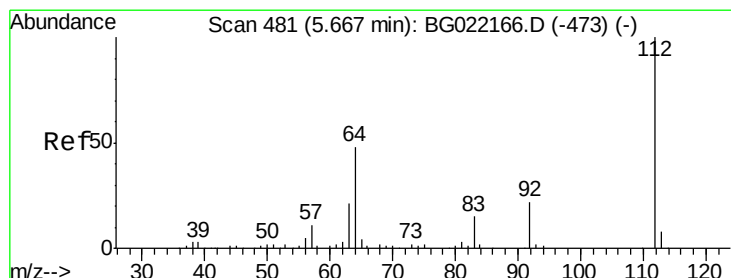
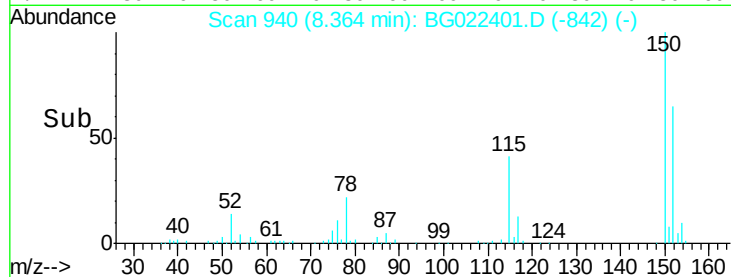
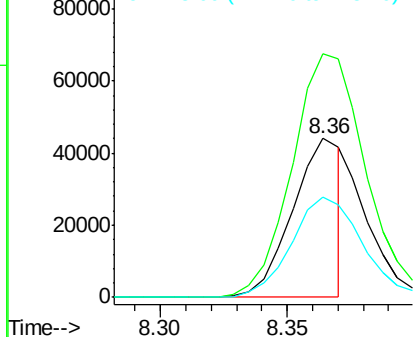
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.36 min Scan# 940
Delta R.T. 0.27 min
Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Instrument :
BNA_G
ClientSampleId :
W-3

Tgt Ion:152 Resp: 59167
Ion Ratio Lower Upper
152 100
150 153.3 130.1 195.1
115 63.4 62.2 93.2



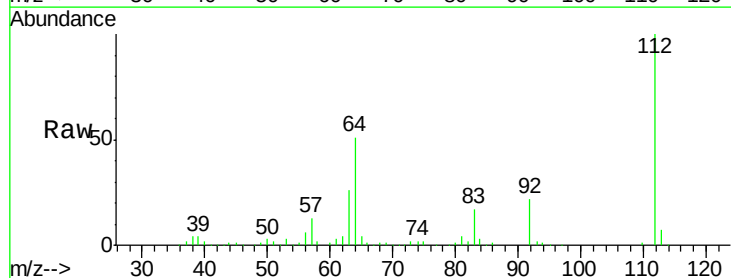
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



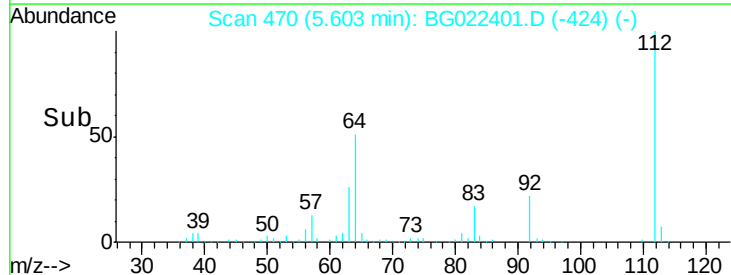
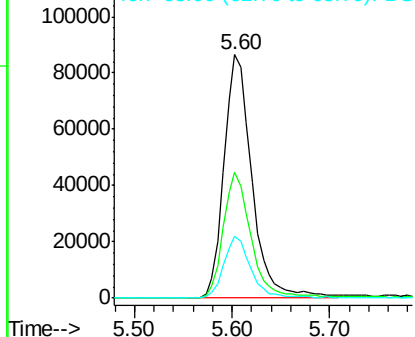
#5

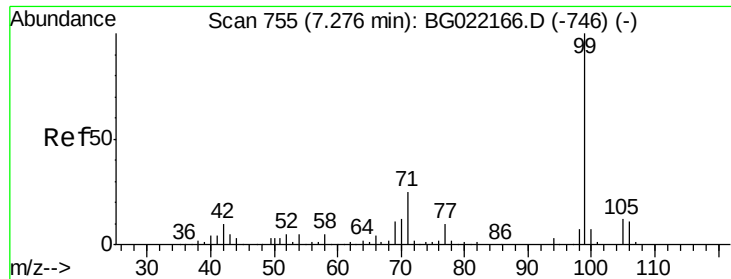
2-Fluorophenol
Concen: 56.22 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.03 min
Lab File: BG022401.D
Acq: 17 Jun 2016 23:54

Tgt Ion:112 Resp: 172044
Ion Ratio Lower Upper
112 100
64 51.5 51.1 76.7
63 25.6 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 51.33 ng

RT: 7.24 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG022401.D

Acq: 17 Jun 2016 23:54

Instrument :

BNA_G

ClientSampleId :

W-3

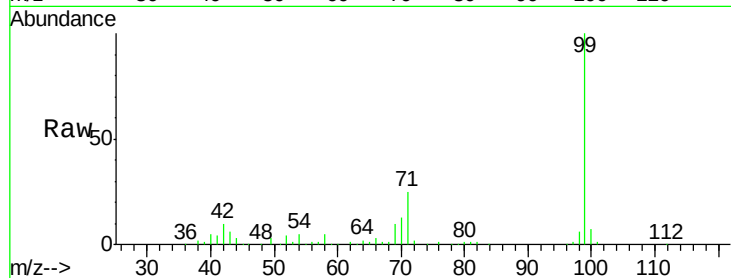
Tgt Ion: 99 Resp: 246964

Ion Ratio Lower Upper

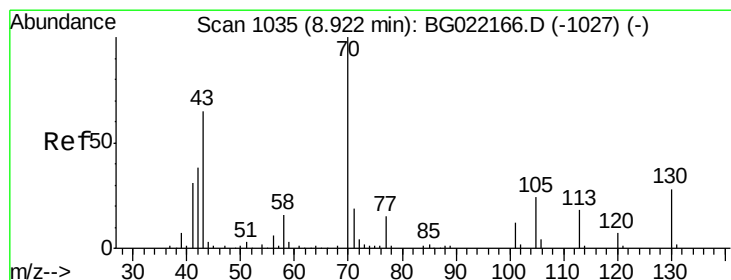
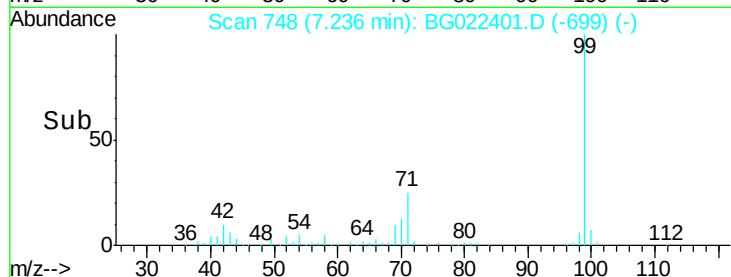
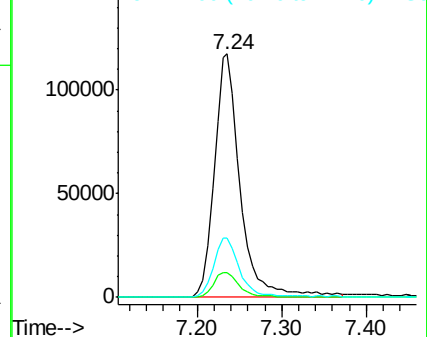
99 100

42 10.4 16.4 24.6#

71 24.6 25.0 37.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 4.50 ng

RT: 9.22 min Scan# 1085

Delta R.T. 0.32 min

Lab File: BG022401.D

Acq: 17 Jun 2016 23:54

Tgt Ion: 70 Resp: 14661

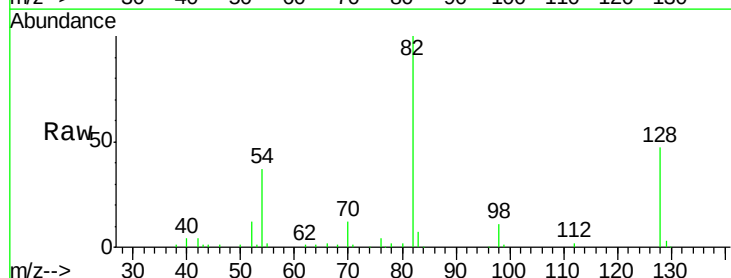
Ion Ratio Lower Upper

70 100

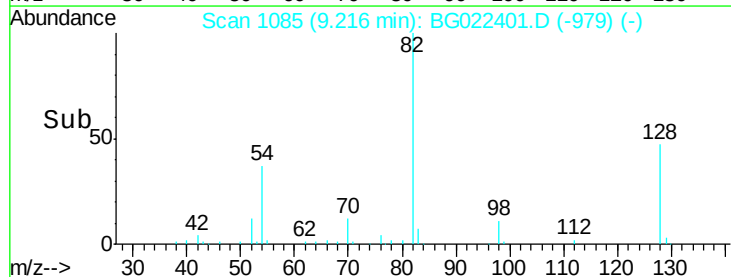
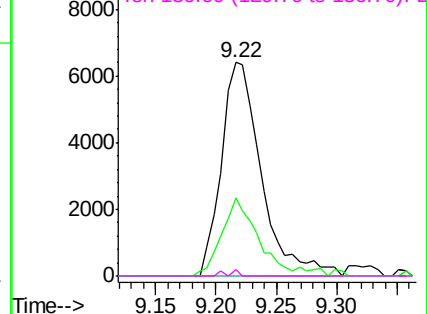
42 36.5 56.7 85.1#

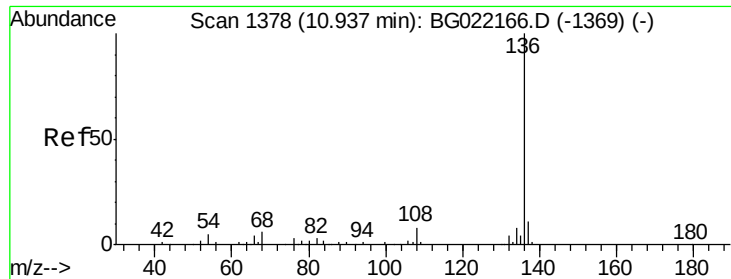
101 0.0 8.2 12.4#

130 3.2 14.0 21.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.35 min Scan# 1449

Delta R.T. 0.45 min

Lab File: BG022401.D

Acq: 17 Jun 2016 23:54

Instrument :

BNA_G

ClientSampleId :

W-3

Tgt Ion: 136 Resp: 346

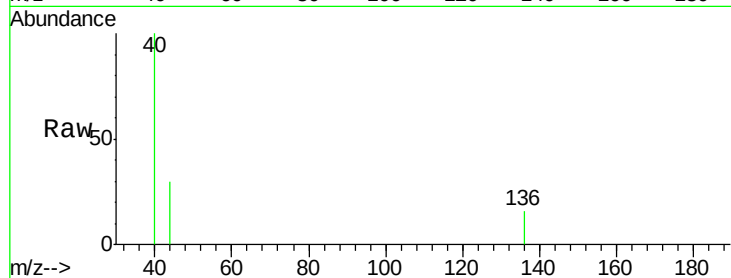
Ion Ratio Lower Upper

136 100

137 0.0 9.0 13.4#

54 0.0 9.6 14.4#

68 0.0 6.4 9.6#

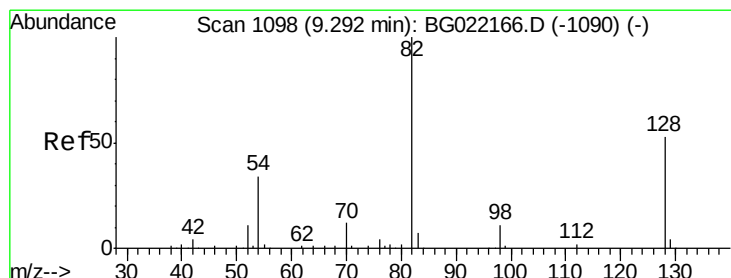
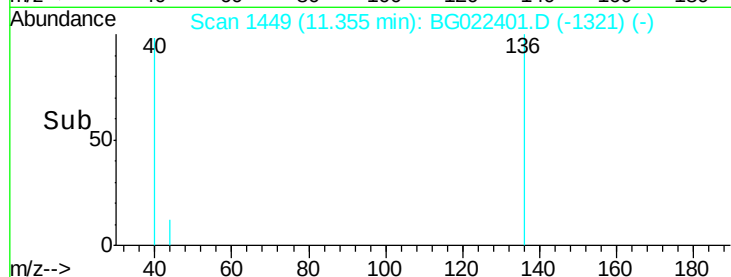
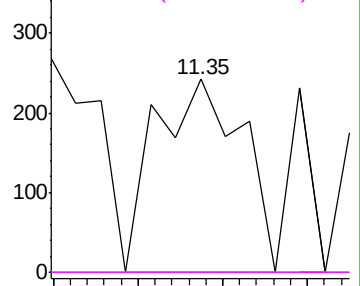


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#23

Nitrobenzene-d5

Concen: 67.90 ng

RT: 9.63 min Scan# 1155

Delta R.T. 0.37 min

Lab File: BG022401.D

Acq: 17 Jun 2016 23:54

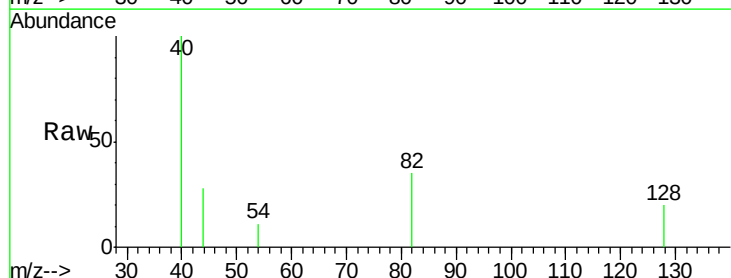
Tgt Ion: 82 Resp: 337

Ion Ratio Lower Upper

82 100

128 57.0 33.4 50.0#

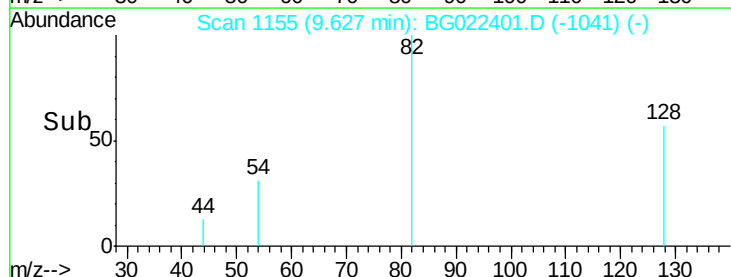
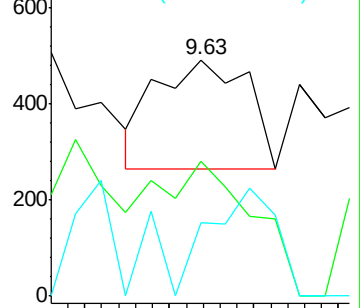
54 31.2 46.1 69.1#

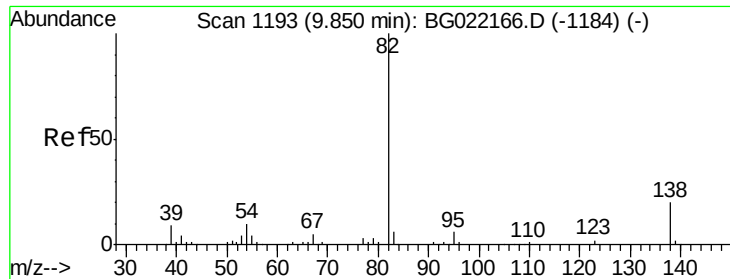


Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG





#25

Isophorone

Concen: 17.05 ng

RT: 10.23 min Scan# 1258

Delta R.T. 0.41 min

Lab File: BG022401.D

Acq: 17 Jun 2016 23:54

Instrument :

BNA_G

ClientSampleId :

W-3

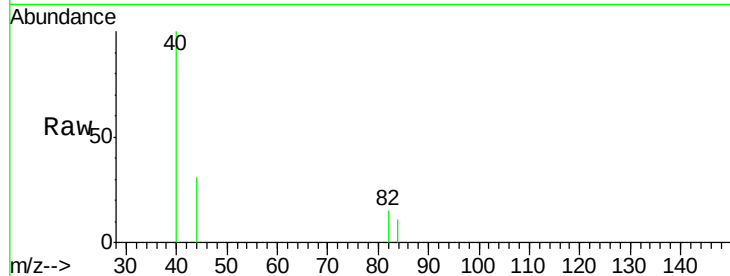
Tgt Ion: 82 Resp: 198

Ion Ratio Lower Upper

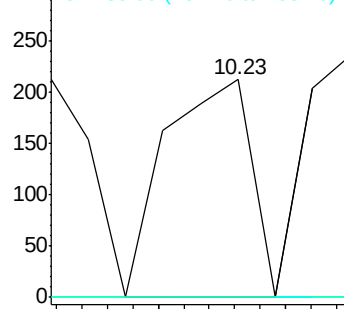
82 100

95 0.0 6.0 9.0#

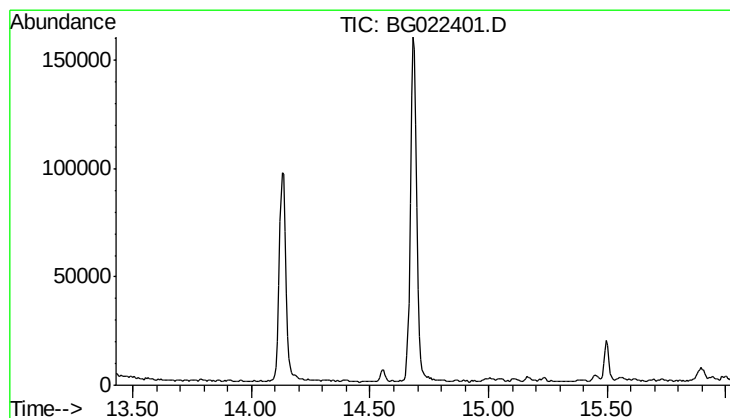
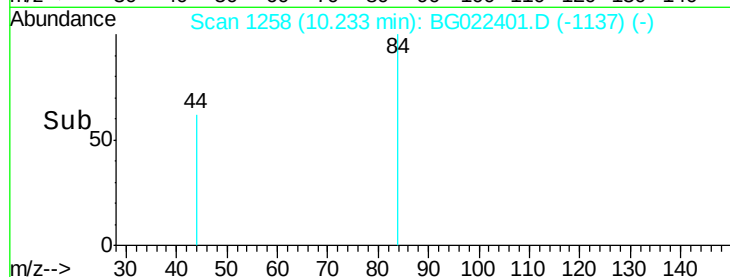
138 0.0 13.4 20.0#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time-->



#38

Acenaphthene-d10

Concen: 0.00 ng

Expected RT: 14.72 min

Lab File: BG022401.D

Acq: 17 Jun 2016 23:54

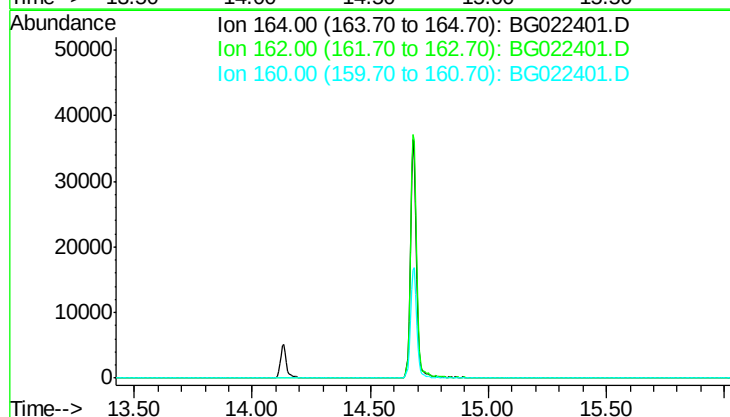
Tgt Ion: 164

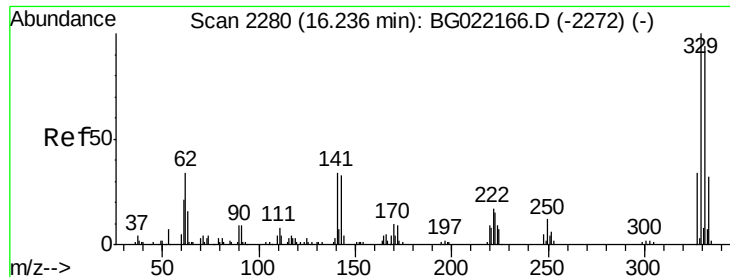
Sig Exp Ratio

164 100

162 97.5

160 41.1





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

RT: 16.18 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BG022401.D

Acq: 17 Jun 2016 23:54

Instrument :

BNA_G

ClientSampled :

W-3

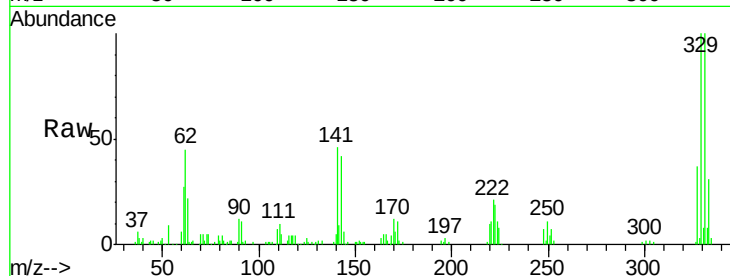
Tgt Ion:330 Resp: 83428

Ion Ratio Lower Upper

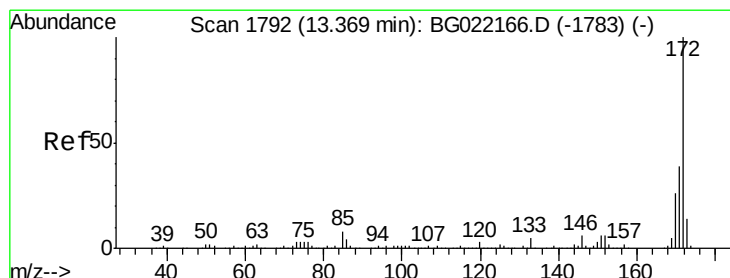
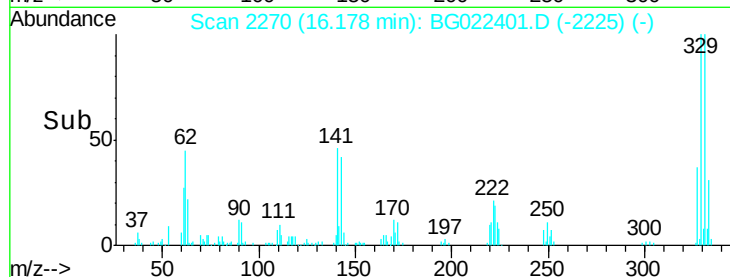
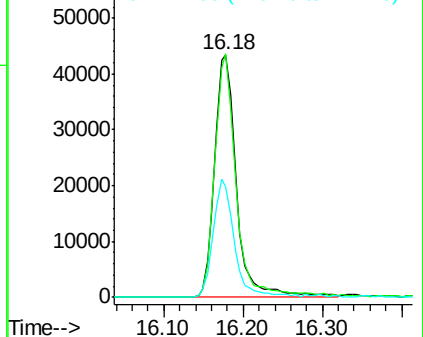
330 100

332 97.7 78.0 117.0

141 46.7 33.8 50.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 0.00 ng

RT: 13.31 min Scan# 1781

Delta R.T. -0.04 min

Lab File: BG022401.D

Acq: 17 Jun 2016 23:54

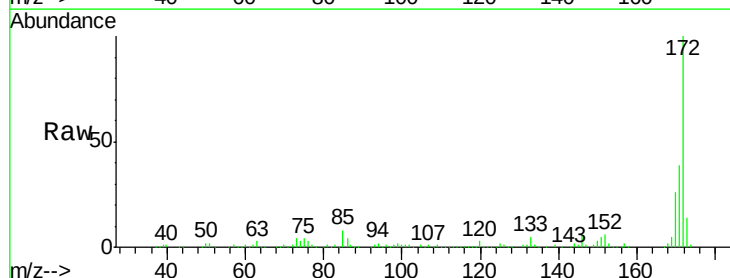
Tgt Ion:172 Resp: 349920

Ion Ratio Lower Upper

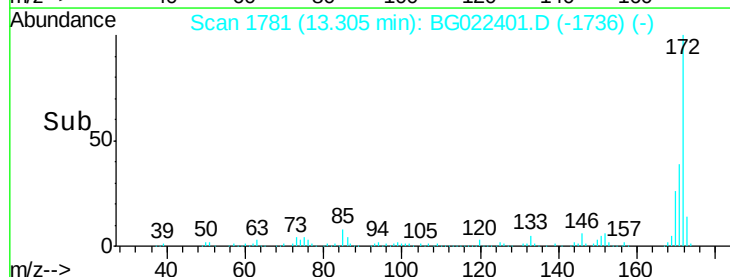
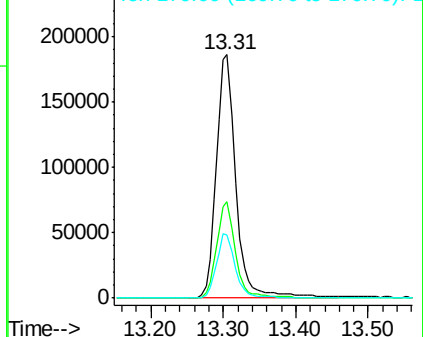
172 100

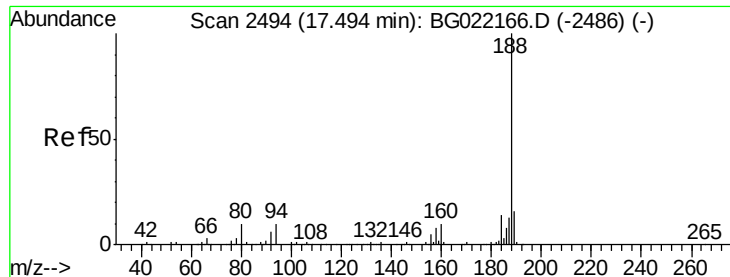
171 39.4 27.8 41.6

170 26.0 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.43 min Scan# 2483

Delta R.T. -0.04 min

Lab File: BG022401.D

Acq: 17 Jun 2016 23:54

Instrument :

BNA_G

ClientSampleId :

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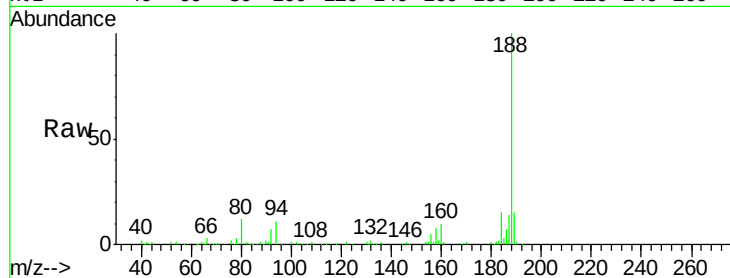
Tgt Ion:188 Resp: 147200

Ion Ratio Lower Upper

188 100

94 11.0 7.5 11.3

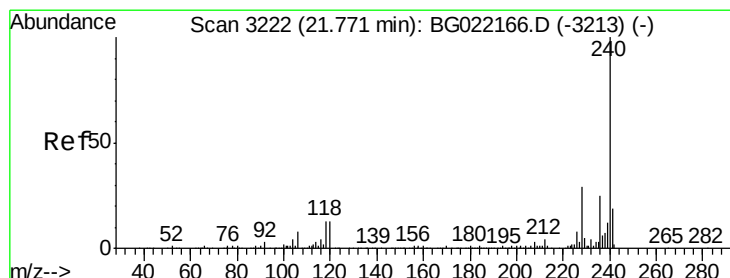
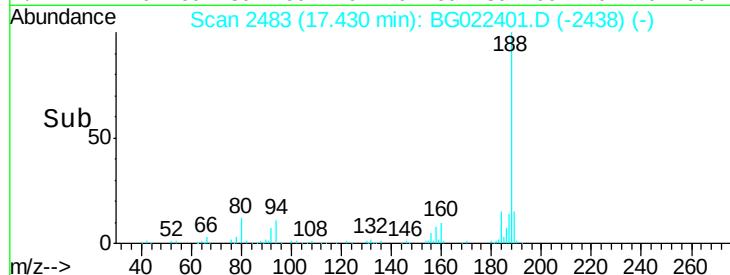
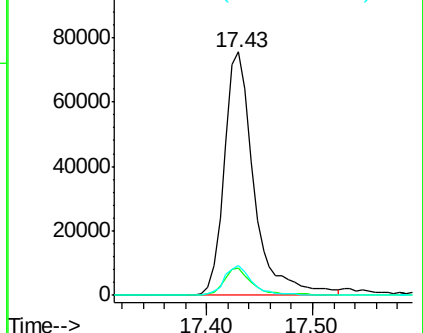
80 12.1 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.69 min Scan# 3208

Delta R.T. -0.05 min

Lab File: BG022401.D

Acq: 17 Jun 2016 23:54

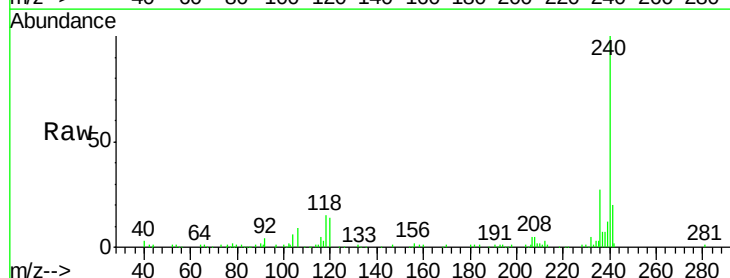
Tgt Ion:240 Resp: 128546

Ion Ratio Lower Upper

240 100

120 14.4 8.4 12.6#

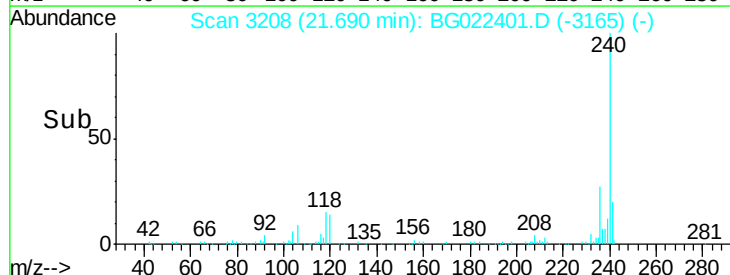
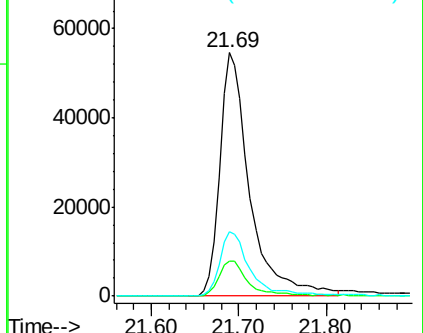
236 26.7 19.6 29.4

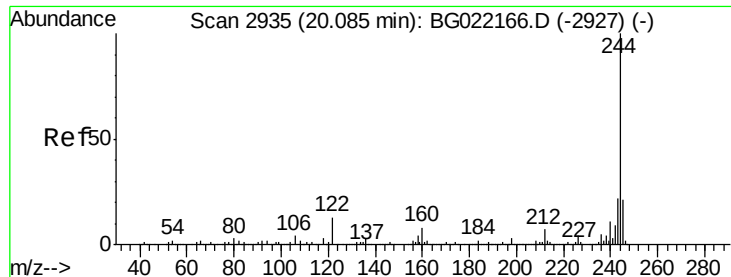


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.50 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.04 min

Lab File: BG022401.D

Acq: 17 Jun 2016 23:54

Instrument :

BNA_G

ClientSampleId :

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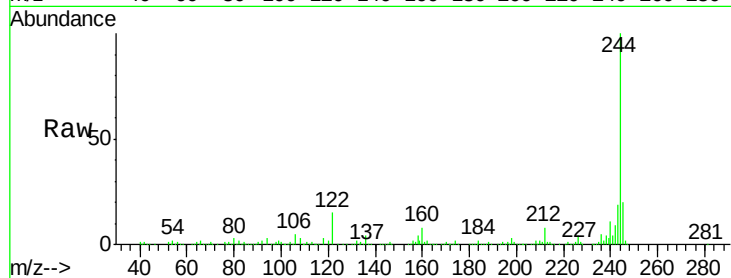
Tgt Ion:244 Resp: 468366

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

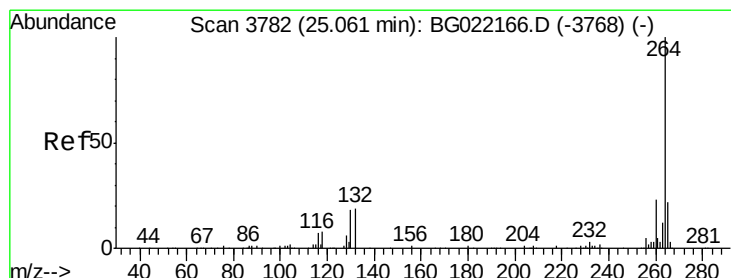
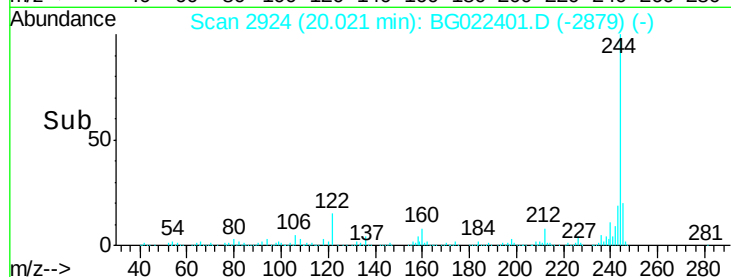
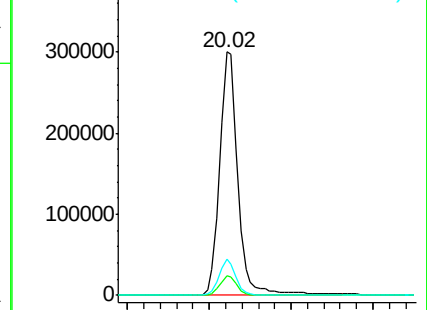
122 14.9 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.93 min Scan# 3760

Delta R.T. -0.08 min

Lab File: BG022401.D

Acq: 17 Jun 2016 23:54

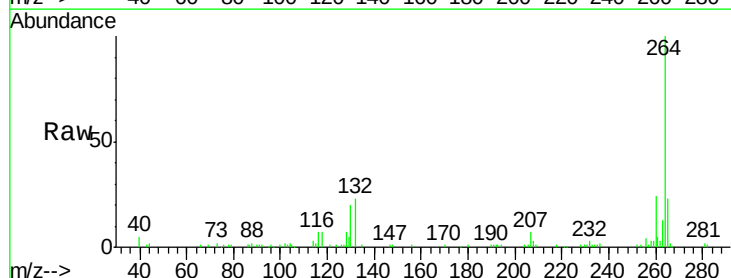
Tgt Ion:264 Resp: 123560

Ion Ratio Lower Upper

264 100

260 24.4 20.2 30.4

265 22.9 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

